

SCIENTIFIC REPORTING



Multipurpose hemp for industrial bioproducts and
biomass

(Ref n. 311849)

WP3 – Optimisation of hemp cultivation and crop modelling

Deliverable 3.1 “Varieties with contrasting fibre quality
identified for demonstration trials”

Lead partner: UCSC

Dissemination level: PU

Delivery date (proj month): 20

Data from the multilocation field trial (MS 10) together with preliminary data from quality evaluations were used to select contrasting genotypes to be used in demonstration (WP10) and experimental (WP3) field trials in 2014. It was decided to select only monoecious varieties, which are more suitable than dioecious ones to produce both fibres and seeds. In fact monoecious varieties produce more seeds, and at seed maturity are more homogeneous than dioecious ones. Unfortunately the choice was restricted to a limited number of commercial varieties due to a general shortage of hemp seeds through Europe, caused by the unfavorable weather

condition experiences in 2013. The two varieties selected are **Futura 75** (French origin) and **Bialobrzeki** (Polish origin).

With this decision Deliverable 3.1 was completed on month 18, 2 months in advance.